

Assist. Lecturer: Zainab Dhia Mohammed

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Education:

PhD, University of, Year

MSc, University of Technology, Year 2015

BSc, University of Technology, Year 2011



Profile:

- Participated in the first scientific conference for graduate studies in chemical engineering department (2015) in university of technology, Baghdad.

My participation was with research “Effect of overheating on corrosion of steam boilers pipes”

- Participated in graduate studies conference in production and metallurgy engineering department (2015) in university of technology, Baghdad.

My participation was with research “Effect of pack cementation on corrosion of steam boilers pipes”

Teaching

- Physical chemistry I: Application of the methods of physical to chemical problems. It includes the qualitative and quantitative study. Both experimental and theoretical of the general principles determining the behavior of matter.

- Physical chemistry II: It deals with the various transformation that can be brought about an ideal gases have played a very important part in the development of thermodynamics.

- Computer programming I: This course provides an overview of the operating system Windows 10 and the program of Microsoft Office 2010 and the Visual Basic and includes the operation of Visual Basic and describe the elements of the design environment and user interface design.

- Eng. Statistics: Use all the methods of statistical calculations to solve problems in chemical engineering and others applications.
- Corrosion in petroleum refinery: Understanding the concept of corrosion. The form of corrosion, How the material destroyed by corrosion, and determine the corrosion rates and electrochemical behavior of the metals.

Research Focus

Corrosion engineering

High temperature oxidation

Surface treatment of alloy to improve corrosion resistance